

AMENDMENTS TO THE ABSTRACT

Please replace the section entitled "Abstract of the Disclosure" beginning on page 20 at line 1 with the following replacement section:

~~-PACKET DETECTION, SYNCHRONIZATION, AND FREQUENCY OFFSET~~ **ESTIMATION**

ABSTRACT OF THE DISCLOSURE

Techniques are disclosed for detecting a packet. One technique includes sampling a received signal to produce a sequence of samples wherein the sequence of samples includes a plurality of subsequences of samples; cross correlating the subsequences of samples with a known form of the subsequence to produce cross correlations; self correlating the cross correlations to produce a plurality of self correlations; summing the self correlations; and processing the sum of the self correlations. -